

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,423,177 B2
APPLICATION NO. : 10/091759
DATED : September 9, 2008
INVENTOR(S) : Adnan M. M. Mjalli et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, under Foreign Patent Documents, please delete "WO 9739125," please insert
-- WO 97/39125 --.

Page 2, Column 1, line 27, under Other Publications, please delete "Avanced", please
insert -- Advanced --.

Page 2, Column 2, line 22, under Other Publications, please delete "Therpy", please insert
-- Therapy --.

Page 2, Column 2, line 29, under Other Publications, please delete "Factor_KB", please
insert -- Factor-_KB --.

Column 1, line 55, please delete "immunoglobulintype", please insert
-- immunoglobulin-type --.

Column 1, line 66, please delete "(Schleicher et al.,", please insert -- (Schleicher et al., --.

Column 2, line 8, please delete "Invest", please insert -- Invest. --.

Column 2, line 22, please delete "Hofmann", please insert -- (Hofmann --.

Column 2, lines 27-28, please delete "ENRAGE,", please insert -- EN-RAGE, --.

Column 3, line 25 (approx.), After "hydrogen", please insert -- ; --.

Column 3, line 30 (approx.), After "alkylaryl", please insert -- ; --.

Column 3, line 44 (approx.), please delete "-C₁₋₆," please insert -- -C₁₋₆ --.

Column 4, line 58 (approx.), please delete "CH₂-," please insert -- -CH₂-, --.

Column 5, line 40, please delete "-NHCON(H)," please insert -- -NHCON(H)-, --.

Column 6, line 44, please delete "NHSO₂-," please insert -- -NHSO₂-, --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9, line 1, please delete "R₁₇", please insert -- R₁₇, --.

Column 9, line 34, please delete "R₆may", please insert -- R₆ may --.

Column 10, line 32, After "-H", please insert -- ; --.

Column 10, line 52, After "-H", please insert -- ; --.

Column 11, line 24, please delete "R₃₆", please insert -- R₃₆, --.

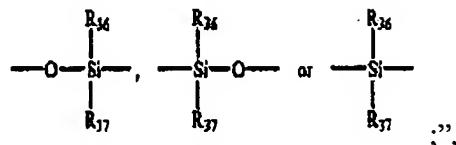
Column 13, line 49, please delete "X)", please insert -- x) --.

Column 14, line 18 (approx.), please delete "-NHCON(H)", please insert
-- -NHCON(H)-, --.

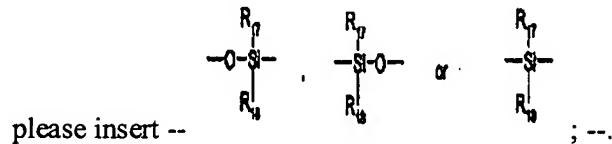
Column 14, line 30, please delete "C₁₋₆", please insert -- C_{1-C₆} --.

Column 15, line 21 (approx.), please delete "CH₂-", please insert -- -CH₂-, --.

Column 16, line 7, please delete "NHSO₂-", please insert -- -NHSO₂-, --.



Column 16, lines 11-15 (approx.), please delete " ; ",



please insert -- ; --.

Column 20, line 2 (Example 5) (Table 1), please delete "2,4-Di(3-diethylamino-1-",
please insert -- 2,4-Di-(3-diethylamino-1 ---.

Column 27, line 2 (Structure) (Example 20) (Table 1), please delete "NH₂", please insert
-- NH- --.

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Column 32, line 3 (Example 26) (Table 1), please delete
“fluorenylmethoxycarbonylamino”, please insert
-- fluorenylmethoxycarbonylamino) --.

Column 34, lines 66-67, please delete “anti psychotics, ”, please insert -- antipsychotics, --.

Column 34, line 67, please delete “anti depressants, ”, please insert -- antidepressants, --.

Column 35, line 39 (approx.), please delete “Alzheimees”, please insert -- Alzheimer’s --.

Column 36, line 22, please delete “isopropoxy”, please insert -- isopropoxy --.

Column 36, line 32 (approx.), please delete “inline”, please insert -- in-line --.

Column 36, line 56 (approx.), please delete “acyamino”, please insert -- acylamino --.

Column 38, line 20 (approx.), please delete “tertbutoxycarbonyl, ”, please insert
-- tert-butoxycarbonyl, --.

Column 38, line 22, please delete “proptecting”, please insert -- protecting --.

Column 38, line 62 (approx.), please delete “equivalent”, please insert -- equivalent --.

Column 38, line 63, After “is” please delete “is”.

Column 39, line 1, After “is” please delete “is”.

Column 40, line 15 (approx.), please delete “duisopropyl”, please insert -- diisopropyl --.

Column 40, line 44 (approx.), before “acid”, please delete “a”, please insert -- an --.

Column 40, line 50, before “tertiary”, please delete “an”, please insert -- a --.

Column 40, line 63 (approx.)(Scheme 6), please delete “(R₄₈”, please insert -- R₄₈ --.

Column 40, line 65 (approx.)(Scheme 6), please delete “(R₄₈”, please insert -- R₄₈ --.

Column 42, line 46 (approx.), please delete “dimethylpropylene”, please insert
-- dimethylpropylene --.

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Column 44, line 10, please delete "complete ty", please insert -- completely by --.

Column 44, line 50 (approx.), after "and the", please delete "the".

Column 45, line 3, after "water and", please delete "and".

Column 45, line 6, please delete "Azodicarboxyate", please insert -- Azodicarboxylate --.

Column 45, line 10, please delete "duisopropyl", please insert -- diisopropyl --.

Column 45, line 10, please delete "azodicarboxylate", please insert -- azodicarboxylate --.

Column 45, line 52, please delete "with 1 N HCl", please insert -- 1 N HCl --.

Column 45, line 58 (approx.), after "(2.6 g)", please insert -- . --.

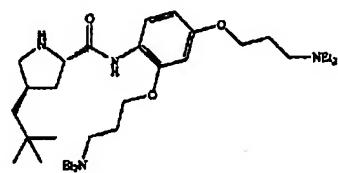
Column 46, line 19, please delete "SnCl₂H₂O", please insert -- SnCl₂H₂O --.

Column 46, line 38, please delete "Amideas", please insert -- Amide as --.

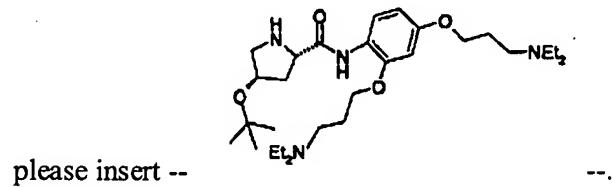
Column 47, line 8 (approx.), please delete "Acid2,4-", please insert -- Acid 2,4- --.

Column 47, line 63, please delete "Na₂SO₄.", please insert -- Na₂SO₄ --.

Column 47, line 67, please delete "Tr", please insert -- T, --.



Column 48, lines 15-22 (approx.), please delete " ", ",



please insert --

--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 48, line 23, please delete “4R)-4tert-butoxy-1 -(9-”, please insert
-- 4R)-4-tert-butoxy-1 -(9- --.

Column 48, line 36, after “(M+H)⁺”, please insert -- . --.

Column 48, line 62, please delete “2-butoxy4-”, please insert -- 2-butoxy-4- --.

Column 49, line 9, please delete “Tr”, please insert -- T, --.

Column 49, line 9, after “(M+H)”, please insert -- . --.

Column 49, line 15 (approx.), after “according”, please insert -- to --.

Column 49, lines 37-38 (approx.), please delete “triethylamine”, please insert
-- triethylamine --.

Column 49, line 39, please delete “butoxyan iline”, please insert -- butoxyaniline --.

Column 49, line 45, please delete “Tr”, please insert -- T, --.

Column 49, line 51, please delete “Tr”, please insert -- T, --.

Column 51, line 1, please delete “3-(9fluorenylmethoxycarbonylamino)”, please insert
-- 3-(9-fluorenylmethoxycarbonylamino) --.

Column 51, line 3, please delete “end”, please insert -- and --.

Column 51, line 7, please delete “Tr”, please insert -- T, --.

Column 51, line 14 (approx.), please delete “anline”, please insert -- aniline --.

Column 51, line 35 (approx.), after “(M+H)⁺”, please insert -- . --.

Column 52, line 7, please delete “Tr”, please insert -- T, --.

Column 52, line 35 (approx.), after “(M+H)⁺”, please insert -- . --.

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Column 52, line 64, before "vacuo", please delete "removed in".

Column 52, line 66, please delete "Tr", please insert -- T, --.

Column 52, line 67, after "(M+H)⁺" please insert -- . --.

Column 53, lines 27-28, please delete "butyidimethylsilyl", please insert
-- butyldimethylsilyl --.

Column 53, line 29, please delete "accroding", please insert -- according --.

Column 53, line 31, please delete "Tr", please insert -- T, --.

Column 53, line 63, please delete "butyidimethylsilyl", please insert
-- butyldimethylsilyl --.

Column 53, line 67, please delete "Tr", please insert -- T, --.

Column 54, line 31 (approx.), please delete "butyidimethylsilyl", please insert
-- butyldimethylsilyl --.

Column 54, lines 33-34, please delete "butyidimethylsilyl", please insert
-- butyldimethylsilyl --.

Column 55, line 34, please delete "butyidimethylsilyl", please insert
-- butyldimethylsilyl --.

Column 55, line 36, please delete "butyidimethylsil", please insert
-- butyldimethylsilyl --.

Column 55, line 37, please delete "NBoc-", please insert -- N-Boc- --.

Column 55, line 41, please delete "Tr", please insert -- T, --.

Column 56, line 44 (approx.), please delete "Boc-Tyr(Bzl-OH", please insert
-- Boc-Tyr(Bzl)-OH --.

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Column 56, line 47 (approx.), please delete "Tr", please insert -- T, --.

Column 57, line 19 (approx.), please delete "Tr", please insert -- T, --.

Column 58, line 42 (approx.), after "agent," please delete "The", please insert -- the --.

Column 58, line 49 (approx.), please delete "Tr", please insert -- T, --.

Column 59, line 2, please delete "Tr", please insert -- T, --.

Column 59, line 3, please delete "(M+H)⁺.", please insert -- (M+H)⁺. --.

Column 59, lines 34-35 (approx.), please delete "2-butoxy4-", please insert
-- 2-butoxy-4- --.

Column 59, line 47 (approx.), please delete "Tr", please insert -- T, --.

Column 60, line 2, please delete "Tr", please insert -- T, --.

Column 60, line 49 (approx.), please delete "Tr", please insert -- T, --.

Column 60, line 66 (approx.), please delete "Tr", please insert -- T, --.

Column 61, lines 1-2, please delete "(9-fluorenylmethoxycarbonylamino)", please insert
-- (9-fluorenylmethoxycarbonylamino) --.

Column 61, line 33 (approx.), after "Na₂SO₄.", please delete "the", please insert
-- The --.

Column 61, line 35 (approx.), please delete "Tr", please insert -- T, --.

Column 62, line 35 (approx.), please delete "Tr", please insert -- T, --.

Column 62, line 67 (approx.), please delete "Tr", please insert -- T, --.

Column 63, line 42 (approx.), please delete "(3-N-Boc-piperidinyl-OH", please insert
-- (3-N-Boc-piperidinyl)-OH --.

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Column 63, line 45, please delete "Tr", please insert -- T, --.

Column 64, line 2, please delete "Tr", please insert -- T, --.

Column 64, line 29 (approx.), please delete "(400 uL/well)", please insert
-- (400 μ L/well) --.

Column 64, line 36 (approx.), please delete "SRAGE", please insert -- sRAGE --.

Column 64, line 47, please delete "Sterptavidin", please insert -- Streptavidin --.

Column 64, line 53, please delete "Ca₂Cl₂.", please insert -- CaCl₂. --.

Column 66, line 40, please delete "alchol.", please insert -- alcohol. --.

Column 67, line 1, please delete "injectible", please insert -- injectable --.

Column 67, line 6, please delete "nontoxic", please insert -- non-toxic --.

Column 67, line 11, after "medium", please insert -- . --.

Column 67, line 51, please delete "Nmethylglucamine,", please insert
-- N-methylglucamine, --.

Column 67, line 52, please delete "Phosphateldiphosphate,", please insert
-- Phosphate/diphosphate, --.

Column 67, line 62, please delete "oxiate,", please insert -- oxalate, --.

Column 68, line 11, please delete "therof,", please insert -- thereof, --.

Column 68, line 56, please delete "overtime", please insert -- over time --.

Column 70, line 3, please delete "et at.,", please insert -- et al., --.

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Column 70, line 37, please delete "Stem,", please insert -- Stern, --.

Column 71, line 67, please delete "Mefformin", please insert -- Metformin --.

Column 72, line 53, please delete "therof," , please insert -- thereof, --.

Column 73, line 15, In Claim 1, after "hydrogen", please insert -- ; --.

Column 74, line 14, In Claim 1, after "-hydrogen", please insert -- ; --.

Column 74, line 15, In Claim 1, please delete "ii", please insert -- ii) --.

Column 74, line 53 (approx.), In Claim 1, please delete "comprises", please insert
-- is --.

Column 74, line 53 (approx.), In Claim 1, please delete "CH₂-", please insert
-- -CH₂-, --.

Column 75, line 46, In Claim 1, after "independently", please insert -- selected --.

Column 75, line 52, In Claim 1, after "independently", please insert -- selected --.

Column 76, line 9 (approx.), In Claim 1, after "independently", please insert
-- selected --.

Column 76, line 39, In Claim 1, please delete "R₁₇", please insert -- R₁₇, --.

Column 76, line 41, In Claim 1, please delete "or C₁₋₆", please insert -- C_{1-C₆} --.

Column 76, line 41, In Claim 1, please delete "or", please insert -- and --.

Column 77, line 1, In Claim 1, after "the", please insert -- group --.

Column 77, line 2, In Claim 1, please delete "C_{1-C alkyl}," , please insert
-- and C_{1-C₆} alkyl, --.

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Column 77, line 2, In Claim 1, please delete “alkyl.”, please insert -- alkylaryl, --.

Column 77, line 13 (approx.), In Claim 2, after “wherein”, please insert -- , --.

Column 78, line 16, In Claim 4, please delete “2,4Di-”, please insert -- 2,4-Di- --.

Column 78, lines 21-22 (approx.), In Claim 5, please delete “pharmaceutical”, please insert -- pharmaceutically --.

Column 78, line 26, In Claim 7, please delete “compositions”, please insert -- composition --.

Column 78, line 30, In Claim 8, please delete “compositions”, please insert -- composition --.

Column 78, line 34, In Claim 9, please delete “compositions”, please insert -- composition --.

Column 78, line 51, In Claim 12, please delete “ENRAGE, ”, please insert -- EN-RAGE, --.

Column 79, line 4, In Claim 16, please delete “claim 14, wherein therapeutic agents selected”, please insert -- claim 15, wherein the therapeutic agents are selected --.

Column 79, line 11, In Claim 17, after “method”, please insert -- of --.

Column 79, line 13, In Claim 18, after “method”, please insert -- of --.

Column 79, line 14, In Claim 18, please delete “comprising”, please insert -- comprises --.

Column 79, line 15, In Claim 19, after “method”, please insert -- of --.

Column 79, line 16, In Claim 19, please delete “comprising”, please insert -- comprises --.

Column 79, line 17, In Claim 20, after “method”, please insert -- of --.

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Column 79, line 18, In Claim 20, please delete "comprising", please insert
-- comprises --.

Column 79, line 19, In Claim 21, after "method", please insert -- of --.

Column 79, line 20, In Claim 21, please delete "comprising", please insert
-- comprises --.

Column 79, line 21, In Claim 22, after "method", please insert -- of --.

Column 79, line 22, In Claim 22, please delete "comprising", please insert
-- comprises --.

Column 79, line 23, In Claim 23, after "method", please insert -- of --.

Column 79, line 25, In Claim 24, after "method", please insert -- of --,

Column 79, line 27, In Claim 25, please delete "formula", please insert -- Formula --.

Column 80, line 17, In Claim 25, please delete "comprises", please insert -- is --.

Column 80, line 17, In Claim 25, please delete "CH₂-", please insert -- -CH₂- --.

Column 80, line 19 (approx.), In Claim 25, please delete "NHCON(H)-,", please insert
-- -NHCON(H)-, --.

Column 80, line 38, In Claim 25, please delete "comprises", please insert -- is --.

Column 80, line 43, In Claim 25, please delete "-aryl; or", please insert
-- -C₁₋₆alkylaryl; or --.

Column 80, line 44, In Claim 25, please delete "-C₁₋₆alkylaryl; and", please insert
-- -C₁₋₆alkoxyaryl; and --.

Column 82, line 1, In Claim 25, please delete "R₁₇", please insert -- R₁₇, --.

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Column 82, line 3, In Claim 25, please delete "C₁₋₆", please insert -- C_{1-C₆} --.

Column 82, line 5, In Claim 25, please delete "or", please insert -- and --.

Column 82, line 34, In Claim 25, after "the", please insert -- group --.

Column 82, line 36, In Claim 26, please delete "formula", please insert -- Formula --.

Column 83, line 38, In Claim 26, please delete "i₂,", please insert -- R_{i₂}, --.

Column 83, line 62 (approx.), In Claim 26, please delete "R_{i₇}", please insert -- R_{i₇}, --.

Column 84, line 25, In Claim 26, after "the", please insert -- group --.

Signed and Sealed this

Twelfth Day of May, 2009



JOHN DOLL
Acting Director of the United States Patent and Trademark Office